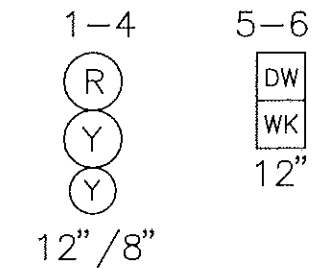


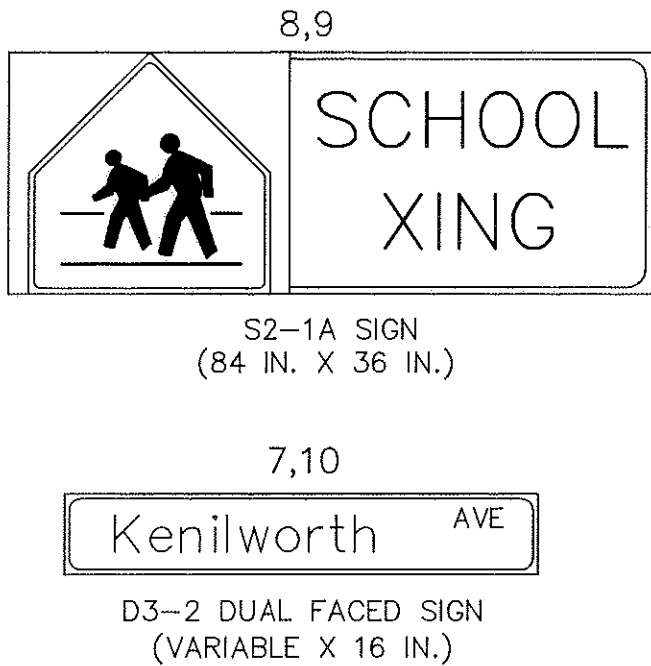
| F.H.W.A. REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
|------------------------|-------|-----------------------|--------------|-----------------|
| 3 | MD | | | |

MD 547 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

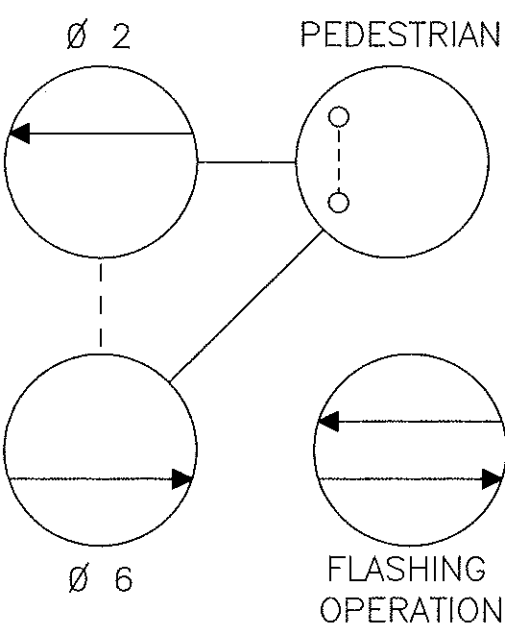
PROPOSED SIGNAL HEADS



PROPOSED SIGNS

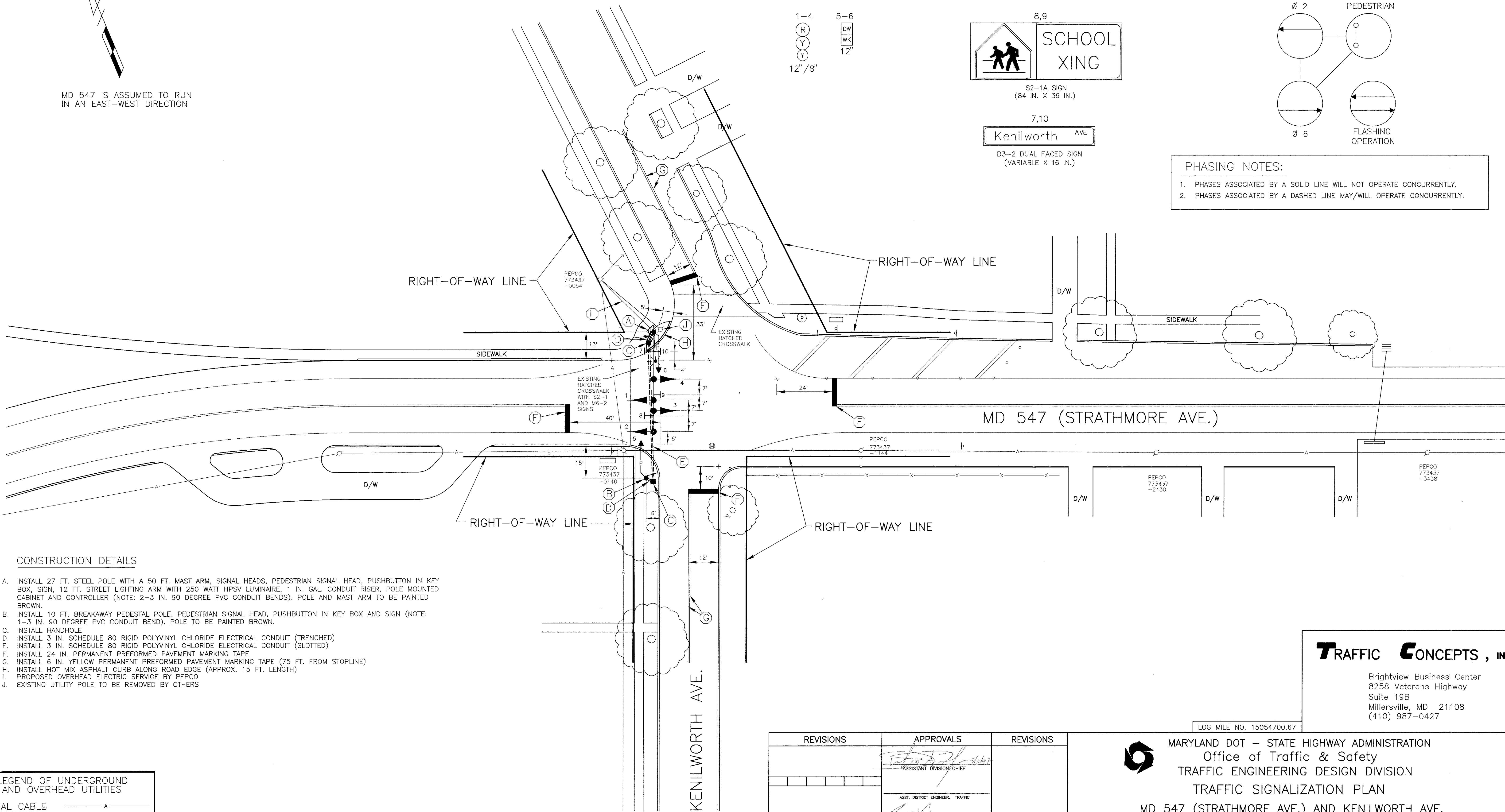


NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS


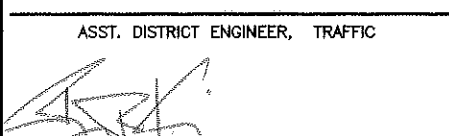
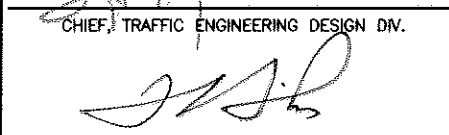
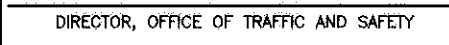
- INSTALL 27 FT. STEEL POLE WITH A 50 FT. MAST ARM, SIGNAL HEADS, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON IN KEY BOX, SIGN, 12 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE, 1 IN. GAL. CONDUIT RISER, POLE MOUNTED CABINET AND CONTROLLER (NOTE: 2-3 IN. 90 DEGREE PVC CONDUIT BENDS). POLE AND MAST ARM TO BE PAINTED BROWN.
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON IN KEY BOX AND SIGN (NOTE: 1-3 IN. 90 DEGREE PVC CONDUIT BEND). POLE TO BE PAINTED BROWN.
- INSTALL HANDHOLE
- INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED)
- INSTALL 3 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED)
- INSTALL 24 IN. PERMANENT PREFORMED PAVEMENT MARKING TAPE
- INSTALL 6 IN. YELLOW PERMANENT PREFORMED PAVEMENT MARKING TAPE (75 FT. FROM STOPLINE)
- INSTALL HOT MIX ASPHALT CURB ALONG ROAD EDGE (APPROX. 15 FT. LENGTH)
- PROPOSED OVERHEAD ELECTRIC SERVICE BY PEPCO
- EXISTING UTILITY POLE TO BE REMOVED BY OTHERS


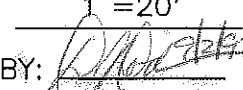
| LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES | | |
|---|-------|----|
| AERIAL CABLE | _____ | A |
| ELECTRICAL | _____ | E |
| TELEPHONE | _____ | T |
| GAS | _____ | G |
| SEWER | _____ | S |
| WATER | _____ | W |
| CABLE TV | _____ | TV |

TRAFFIC CONCEPTS , INC.

Brightview Business Center
8258 Veterans Highway
Suite 19B
Millersville, MD 21108
(410) 987-0427

LOG MILE NO. 15054700.67

| REVISIONS | APPROVALS | REVISIONS |
|-----------|---|-----------|
| |  ASSISTANT DIVISION CHIEF | |
| |  ASST. DISTRICT ENGINEER, TRAFFIC | |
| |  CHIEF TRAFFIC ENGINEERING DESIGN DIV. | |
| |  DIRECTOR, OFFICE OF TRAFFIC AND SAFETY | |

| | | | |
|--|------------------------|--------------------|-----------------|
|  MARYLAND DOT — STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION TRAFFIC SIGNALIZATION PLAN MD 547 (STRATHMORE AVE.) AND KENILWORTH AVE. | | | |
| DATE: 7-1-97 | DRAWN BY: T. ZAYDEL | F.A.P. NO. | PLAN SHEET NO.: |
| SCALE: 1"=20' | DESIGNED BY: T. ZAYDEL | S.H.A. NO. | TS-3723 |
| APPROVED BY:  | CHECKED BY: K. SCHMID | COUNTY: MONTGOMERY | SHEET NO. OF |